# The Text

VOL. XI. LOWELL, MASS., FEBRUARY 15, 1929. NO. 9


## PRESIDENT'S LIST

The following members of the sophomore, junior and senior classes have a clear record in all subjects and an average of 80 or more for the first term of this year. Students included in this list are not subject to faculty rules pertaining to overcuts. A new list will be published in April.

**Second Year**

**Course III—Textile Design**

Joseph Raddin Carleton, Bradford, Mass.

**Course IV—Chemistry and Textile Coloring**

John Joseph McDonald, Lowell, Mass.

Eric Arthur Peterson, Lowell, Mass.

**Course VI—Textile Engineering**

Herbert Arthur Edward Bagshaw, Lowell, Mass.

**Third Year**

**Course II—Wool Manufacture**

Walter Urban Gaudet, Pawtucket, Rhode Island.

**Course IV.**

Morris Barsky, Dorchester, Mass.

Alfred John Carbone, Haverhill, Mass.

Willard Alvah Colby, Jr., Bradford, Mass.

Arthur Francis Gallogher, Lowell, Mass.

Bliss Morris Jones, Lexington, Mass.

Samuel Irving Kolsky, Lawrence, Mass.

Gerald Francis McDonald, Lowell, Mass.

**Course VI.**

Richard Sumner Cleveland, Peppereil, Mass.

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## Announcement

Columbia University announces that the second part of the Cotton Goods Manufacture and Finishing Course begins on February 8th, and new students will be admitted. The second semester consists of a study of weaves, fabric analysis, and cost calculations. Also every operation in finishing cotton goods, including bleaching, dyeing, mercerizing, calendering, etc., will be covered thoroughly. The lectures are held in the Engineering building on every Friday evening at 7.30 to 9.30 P. M. with Herbert Mauersberger as instructor. New students will register on or before February 8th, 1929, by addressing the Registrar of Columbia University.

### CORRECTION

Through a typographical error the names of Pizzuto, J. J., Jr., Pittsfield, Mass., Spaulding, Ned, Hudson, N. H., and Silva, G. P., Lowell, Mass., were omitted from the last honor list.

## BOSTON SECTION OF ALUMNI FORMED

At Boston on Friday, January 25, 1929, was established the second local section of the Lowell Textile Institute Alumni Association, following the lead of the New York group of over a year ago. The meeting was held at noon in the private dining room of the new Durgin Park & Co. Restaurant at 20 Hayward Place, where luncheon was served a la carte—a restaurant and policy which are to be permanently adopted by the new section. It was decided to hold meetings at 12.30 p. m. on the first Friday of every month—with the exception of the first Friday in February of this year, which was felt to be too near the date of the first meeting.

The classes represented at this first meeting ranged from 1900 to 1928, and enthusiasm for the branch association was manifest. A number of those present came in from comparatively distant points in the suburbs.

The officers elected were Frank L. McCool, '10, president; Everett B. Rich, '11, vice-president; and Edwin D. Fowle, '24, secretary-treasurer. Mr. McCool, who has lately been made a trustee of the Institute, expressed his hope that members of the alumni who have suggestions to make regarding Institute affairs will be free to come to him and discuss them. It seems to be a growing policy, Mr. McCool stated, to choose trustees from among the graduates, and this policy should prove favorable to the best interests of the Institute.

Professor Arthur A. Stewart, '00, of Lowell Textile Institute, who is secretary of the entire alumni association, was present at the meeting and called upon to discuss alumni affairs. He pointed out that the alumni everywhere are showing unusual interest in the doings of the association and the Institute, and that much of it is due to the enthusiasm and activity of this year's president, William O. Jolleme. Plans are under way, Professor Stewart said, to introduce new features into the activities of this year's Alumni Day, which is to be held as usual in the spring. The purpose of these features is to make it more than ever worth while for the alumni to return to the institute on this day.

Since the Institute does not catalog the names and addresses of non-graduates, who are included in the alumni association, the list by which members were called to this first meeting was incomplete. It was, however, greatly augmented by suggestions from those who attended the luncheon, and it is hoped that other members to whom additional names occur will get in touch with the secretary, in care of "Textile World," 65 Franklin St., Boston—telephone Liberty 8100.

The following alumni were in attendance at the first luncheon: Harry P. Kay, '09, Stanford Wright Agency; Harold H. Hubbard, '22, National Association of Cotton Manufacturers; John J. Collahan, Jr., '26, Security Mills; Benamin Feinberg, '27, National Mill Supply Co.; Joseph R. Donovan, '24, Scientific Laundry; Alfred Shamis, '26, Nashua Manufacturing Co.; Harold Parigian, '28, Cambridge Rubber Co.; Edwin D. Fowle, '24, "Textile World"; Thomas Joy, '26, Cambridge Rubber Co.; Russell W. Hook, '05, Arthur D. Little, Inc.; F. L. McCool, '10, S. R. Dovid & Co., Inc.; Arthur A. Stewart, '00, Lowell Textile Institute; George A. Boyd, '05, Appleton Co.; Clarence Hutton, '03, "Textile World"; Arthur McArthur, '12, Arthur McArthur Co.; William J. Fitzpatrick, '09, Brown Durrell Co.; Mortimer T. Farley, '20, Farley Harvey Co.; and Barney H. Perlmuter, '23, American Furniture Co.

## "Ken" Ryan Goes To China

Millard Kenneth Ryan, Jr., a member of the class which was graduated from the Lowell Textile Institute in 1924, has accepted an important position with the Shanghai International Testing House and for the next four years will be stationed in Shanghai. Mr. Ryan is well known in Lowell as he was prominent in many of the student activities, particularly the annual show, and was also socially active during the time that he was a student in Lowell.

Mr. Ryan, known to many Lowell people as "Ken" Ryan, is 27 years of age, and his home is in Watertown. He was manager of the crack Textile baseball team of 1924 and had prominent roles in two or three of the annual presentations of the Textile Dramatic Club. In the latter he played female parts with great success. He was a member of the Rams Club of the Textile Institute and the local chapter of the Phi Psi fraternity and is now a member of the American Society of Testing Materials.

Since his graduation from the Lowell Textile Institute, Mr. Ryan has been with the United States Testing Co., Inc., as assistant sales manager. He leaves this position to accept that of assistant manager of the Shanghai International Testing House at Shanghai, China. His duties will include the supervision of the certification of China silks as to quality and weight, and the improvement and researches

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## Titles of Theses the Seniors Are Now Working On

Bergeron, Alvin W.
"Effect of pH on loss of strength and luster of a colonese-silk union in the degumming bath."

Fredrickson, Chas. J.
"Effect of Sodium Carbonate in mercerization."

Haynes, Amos K.
"Study of the action of Kieropon in the boiling out of cotton goods."

Hetherman, Patrick J.
"A study of wool oils with the intent of preparing one high in mineral oil content suitable for wool lubrication."

Hurd, Ira S.
"Heat insulating value of various fibres".

Konieczny, Henry.
"Study of wetting out agents."

Ludsly, Walter C.
"Effect of tension on mercerization of cotton yarn."

Phelan, Bernard M.
"Analysis of textile materials".

Ryberg, Bertil A.
"Study of the synthesis of the Naphthol AS series through the acid chlorides."

Stanley, John P.
"Study of Textile Crayons."

Westbrooke, Clayton C.
"Investigation of top chrome colors that dye lippy on raw wool."

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## Coach Chosen for Textile Show

Charles J. Keyes, well known in local theatricals, has been honored by being chosen to direct and coach the annual spring dramatic production of the Lowell Textile Institute, according to an announcement made public by Professor Elmer E. Pickett, faculty director of the play.

Mr. Keyes is the first local person to receive the appointment since the inception of dramatics on a larger scale. In selecting the coach, the committee in charge considered various out-of-town men, but in view of Mr. Keyes' past experience both in coaching and performing, it was decided that he was the logical choice. He made his debut in dramatics approximately 10 years ago, and since then has taken a keen interest in the stage. He has played leading roles in most of the amateur dramatic productions put on in this city, and has had considerable experience in stage management. He is particularly well known for his portrayal of character parts, and his versatility has gained for him a large following. The fact that such a popular local man has been chosen is sure to arouse keen local interest in the show, even among people in no way connected with the school.

Simultaneous with the announcing of the coach, it was also announced that the play to be given by the Textile players this year will be "Pals First", a mystery-comedy in three acts

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## ALUMNI NEWS

### NEW YORK ALUMNI LUNCHEON

The regular monthly luncheon of the New York Alumni of the Lowell Textile Institute was held at the Arkwright Club, 320 Broadway, New York City, on Thursday, January 24, 1929, which over twenty-two members of the Alumni attended.

The luncheon and business meeting took place in a private room of the above Club and it was one of the most successful ever held by the New York Alumni.

A number of new members were welcomed by the President, among which were J. A. Horne, A. H Wyott, T. W. Reilly, L. W. Gottschalk, M. K. Ryan, Jr., and F. D. Munning, all of whom have been transferred to New York from various parts of the country.

Mr. Ryan, Jr., is leaving in a few weeks for Shanghai, China, where his address will be 10-A Hong Kong Road, Shanghai, China.

The luncheon began at 12.30 and ended some time after two o'clock. The guest of honor was Mr. Percy F. Kingsbury, Manager of the Passaic Print Works of Passaic, New Jersey, who was among the first graduates of Lowell Textile Institute. He gave a short address about his experiences in the print business which was very well received. Mr. Kingsbury spoke in high terms of the enthusiasm and spirit prevalent among those present and wished us all success in the future.

An Entertainment Committee was appointed to carry out the original intention of the group to have an outing at some nearby Country Club during May or June of this year. Mr. Harold

Continued on Page 3

## A. S. M. E. Meeting

A meeting of the society was held in the Senior Engineering room on Nov. 19, at 4 o'clock. The sophomore engineers were formally initiated into the society and presented with pins.

The delegates to the N. Y. convention of the A. S. M. E. gave interesting reports and resumés of the lectures they heard.

The first student lecture of the season was given by Mr. Rice, his topic being "The Use of the Frequency Series in Determining the Uniformity of Yarn."

On January 7, a very interesting film was shown. The camera taking the pictures was capable of 20,000 pictures per second. Because of this high speed capacity it was possible to show air current around objects and even the motion taking place as a bullet passed thru an ordinary vacuum lamp.

# THE TEXT

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# EDITORIALS

## NOTES

From the experience of certain students who for the past few years, have been observing conditions under which the student labors, it has been proven to their satisfaction that there is room for improvement in regard to the system of note-taking. I refer especially to the taking of notes in classes that have no text books.

A student of ordinary ability cannot take notes rapidly and at the same time reason out each step. There are certain subjects which call forth the student's power of reasoning to a great extent. This cannot be done when his attention is occupied in getting on to the paper the ideas advanced by the instructor. The result of all this is that either the student gets a good set of notes without understanding them properly, or he may listen to the lecture and digest it thoroughly but not get a good set of notes. If the latter type of student obtained notes from someone else, it is quite evident that he would be at an advantage, for he would both have the notes and understand them. Why not then have lecture notes written in book form?

Some of the faculty might say that they like to change or enlarge upon their notes from year to year. This could easily be done by printing only on one side of the page, and leaving the other side blank to be used for further notes. With a system such as this, students could give their undivided attention to the lecture.

Printed notes have the following advantages:

1. The student's power of reasoning is developed.
2. More ground can be covered and more thoroughly.
3. More time will be available for home study.
4. Time will be available for recitations.
5. When the subject is completed, the student will have a complete set of notes.


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# Cotton Fabrics and Their Uses

## Present Uses of Cotton Fabrics

The study of new and extended uses for cotton is of interest not merely to the cotton growers, cotton manufacturers, and cotton dealers, but to all who are interested in the economic life of this country. Cotton growing and cotton manufacturing are among the most important basic industries of the United States. Cotton is grown on nearly one-third of all farms and the value of cotton and cottonseed is almost one-quarter of the value of all crops harvested. The cotton manufacturing industry, employing nearly 6 per cent of all the wage earners and paying hundreds of millions of dollars in wages, is one of the most important branches of manufacture. The value of raw cotton exports represents almost one-half of the total exports of farm products, while the exports of raw cotton and cotton manufactures are over one-fifth of the total exports from the United States.

The changes taking place in an industry of such magnitude are bound to have their effect upon the business life of the United States. That the cotton industry has not escaped the vicissitudes of the modern commercial and industrial world is generally known. Changes in production and consumption of cotton products have taken place, although the per capita consumption of cotton in the United States has not changed materially in recent years. It does not require statistical analysis, for example, to prove that the changes in clothing styles brought about a decline in demand for cotton for wearing apparel because of smaller yardage per garment, discarding of some articles of wearing apparel and substitution of other fibers for cotton. Nor does it require extensive research to appreciate that the expansion of the automobile industry has resulted in a larger demand for cotton in that field.

The fact, however, that the per capita consumption of cotton has not changed much during the past decade indicates that cotton does not share in the increased demand of recent years brought about by the enhanced purchasing power of the population. Some industries have been able, as a result of technical and economic research, to adapt themselves to the newer trends in demand and it is believed that the study in new and extended uses for cotton may pave the way for similar research with similar results for the cotton industry.

The record crop of 1926 focused the attention of growers and merchants upon the demand situation. While the low prices brought about by the large crop of that year stimulated consumption in the United States and in foreign countries, the quantity of raw cotton fed to the world spindles was not commensurate with the crop. It was natural, therefore, for the cotton growers and merchants to turn their thoughts toward means of increasing the demand for cotton. Similarly, the cotton manufacturers, with a more than liberal supply of raw material in 1926 and equipment to convert it into goods, likewise became interested in increasing the consumption of cotton products.

In view of the general importance of the cotton industry, financiers, economists, legislators, and others have also become interested in the subject of increasing the uses for cotton. As a result of efforts by these various groups the Department of Commerce and the Department of Agriculture were authorized by Congress to conduct an investigation to find the present uses and to discover possible new and additional uses for cotton and cotton products. The Cotton Textile Institute undertook a similar study, and these three agencies arranged to coordinate the work in order to proceed with greater economy of time and effort.

The task of the Department of Commerce in connection with this study falls into two phases:

1. To list every kind of cotton cloth made, and to find all uses to which such cloths or articles are at present applied.

2. To study every industry, trade, profession, and art with the object of (a) learning wherein the process of manufacturing or operation would lend itself to a new use or an extended use of cotton cloth or other cotton product; (b) to study articles produced or used in various industries, trades, and professions with the object of discovering therein possibilities for new or extended uses for cotton.

## THE GENTLE SEX

It was quite an entertaining little play, but one man, as always happens on the first nights, started in his loudly, says "Answers," London.

Immediately the other gallerytes were up in arms and asked him to be quiet. They were not heeded.

"Chuck him over the rails!" shouted one exceptionally bloodthirsty young man.

Then amid the scuffle a mild-looking little woman stood up in the balcony below and cried excitedly:

"Oh please don't throw him over the rails! Kill him where he is!"

## WHAT COLOR

Attendants in a gasoline filling station in the city were somewhat astonished the other day when a young woman in a brand new car drove in and asked what color gasoline they sold. The attendants told her the two colors that they dispensed and then waited expectantly.

"No," she returned with a little shake of her head, "I'm trying to buy some that will match the car. Do you know where they sell any of this color?"—Springfield Union.

## BASKETBALL SCHEDULE, 1929

The basketball schedule with the results of the games played.

| | | Textile | Opponents |
|---|---|---|---|
| Jan. | 4—Fall River Textile at Lowell | 27 | 22 |
| Jan. | 7—Middlebury at Middlebury | 22 | 29 |
| Jan. | 8—U. of Vermont at Burlington, Vt. | 13 | 23 |
| Jan. | 9—St. Michael's at Winooski | 18 | 38 |
| Jan. | 10—Norwich at Northfield | 40 | 38 |
| Jan. | 16—Northeastern at Lowell | 30 | 28 |
| Jan. | 19—Clark at Lowell | 24 | 21 |
| Jan. | 26—Fitchburg Normal at Lowell | 19 | 25 |
| Jan. | 31—Holy Cross at Worcester | 31 | 50 |
| Feb. | 1—Assumption at Worcester | 19 | 17 |
| Feb. | 2—Clark at Worcester | 29 | 17 |
| Feb. | 6—Amherst at Amherst | 28 | 41 |
| Feb. | 7—Mass. Aggie at Amherst | 15 | 35 |
| Feb. | 9—Northeastern at Boston | 28 | 42 |
| Feb. | 11—Harvard at Cambridge | | |
| Feb. | 12—Providence at Providence | | |
| Feb. | 19—U. of Maine at Lowell | | |
| Feb. | 22—Newport Naval at Newport | | |
| Feb. | 23—Trinity at Hartford | | |
| Feb. | 26—Providence at Lowell | | |
| Feb. | 27—Tufts at Medford | | |
| Mar. | 1—U. S. Coast Guard at Lowell | | |
| Mar. | 9—Worcester Tech at Worcester | | |


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# ALUMNI NEWS

(Continued from Page 1)

Rubin, Treasurer of the American Silk Mills, was appointed New York Chairman of the Committee which consists of the following Alumni members: Howard McKinnon, Tom Connors, Joe Woodhead, Arnold Fleisher, and they will report at the next meeting as to the time and place of this particular outing.

The secretary, Frank R. McGowan, announced that the bills for the annual dues of this group would be sent out during this month. (A flood of one dollar bills immediately swamped the Secretary, who did not hesitate to accept the money).

There have been many changes of addresses and positions among the members and if anyone is contemplating a change or has made a change in his business or home address, the Secretary, F. P. McGowan, 320 Broadway, New York City, will appreciate receiving prompt notice of any such change.

Copies of the Boston Herald containing a picture of the successful football team of the Lowell Textile School were distributed and quickly absorbed by the membership.

Mr. William Jelleme, President of the Alumni Association, spoke of the organization of a Boston Alumni along the same lines as that in New York and the members present sent a telegram to Mr. Fowle of the TEXTILE WORLD in Boston congratulating them upon this latest move on the part of the Boston Alumni of the Lowell Textile Institute. Mr. Jelleme also spoke of the tentative plans in regard to the Lowell Textile Institute Alumni Convention next May.

The following alumni from various classes of Lowell Textile Institute were present: P. F. Kingsbury, '01; B. W. Cutler, '04; H. A. Currier, '06; D. P. Knowland, '07; W. O. Jelleme, '10; F. D. Manning, '16; James W. Cox, Jr., Sp.; T. W. Reilly, Sp.; F. W. McGowan, '15; H. R. Mauersberger, '18; C. C. Jessop, '22; L. J. Othote, '23; B. Valentine, '23; J. A. Horne, '24; M. K. Ryan, Jr., '24; D. Travis, '24; H. Wyatt, '27; A. Fleischer, Sp.; L. W. Gottschalk, '28; H. A. MacKinnon, '28.

President H. R. Mauersberger sincerely hopes that any student or out-of-town alumni who many happen to be in New York on a visit or on business, will communicate with him at 320 Broadway, New York City, and he will be very glad to assist them in every way possible.

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### Hap. Wyatt

Hap. Wyatt, '26, is one of the new faces seen down around these parts. He can be seen between 1 and 2 o'clock most any noon on his favorite stool in the Buffet Lunch on Broadway.

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### "Daddy Othote"

Lou Othote, '23, is now the proud daddy of an 8 lb. daughter. He claims she is the prettiest child he has ever seen. He has not decided yet, whether or not she will be a fair co-ed at L. T. I. Congratulations, Lou.

• • • •

### W. F. O'Hara

The N. Y. alumni understand that W. F. O'Hara, '04, is located in N. Y. inasmuch as his name is not on the secretary's list, we would appreciate receiving his address in order that he might receive notices of our activities and so join us. If anyone knows his address please send it to secretary Frank McGowan, c/o Cotton Textile Institute, 320 Broadway, N. York City.

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### Speed King Chase

Bob Chase, '27, now located in N. Y., claims the speed record between Providence and N. Y. He says that it takes him 4 hours and 45 minutes only in his new Ford. But then when Bob gets telling a story, he doesn't know when to stop or else he decides to make it a good one.

• • • •

### Heard at the Luncheon

Bert Mauersberger: "We might as well kill two stones with one rock."

Ken Ryan: "I expect to organize an L. T. I. Alumni in China as soon as I settle their textile problems."

Dan Knowland: "Call me 'Power' for short!"

Lorry Gottschalk: "Yes, I am a travelling salesman. Would you like to hear a few stories?"

The Happiness Boys: Al. Horn and Hap Wyatt say there's nothing like married life. Continued next month.

Dave Travis: "Wait a minute — I want to see that man on business."

Bill Jelleme: "Now we-ee-ee-ah-eh?"

Ben Cutler: "No, my little girl never eats grapes."

Percy Kingsbury: "I will now explain how in 1900 we made tensile strength tests on rope suspended from a window."

Lou Othote: "I can't go out tonight, —I have to mind the baby."

# Textile Situation Improving

## Babson Warns Against Over-Production

BABSON PARK, Florida—"The tide is gradually swinging the cotton textile industry back to healthier conditions. It has taken one of our oldest and finest industries a long time to see that 1929 methods cannot succeed under 1929 conditions. Nor can out-of-date machinery compete with latest automatic machines. What is happening now is the beginning of reorganization and consolidation of the best equipped mills. This movement has only just started and is thus far confined to a few localities. It will, however, grow and spread throughout the industry. It will also mean continued dismantling and elimination of inefficient mills and plants. While this process may temporarily hit hard the towns where such unprofitable mills are located, it will in the long run be the best thing for them. At best such mills afford unsteady employment, and serve merely to prolong the agony. It is better to get some other industries to come into such places.

"Current conditions in the cotton trade are more favorable than they have been for a long time. Hence, the present is a very good time to revamp, consolidate and reorganize mill property. The new consolidations have more chance of success from the start under present cotton conditions. Production has shown an irregular upward trend since last April and for November was practically on par with November, 1927. This increase in output is apparently based on sound demand; otherwise it would be an unfavorable development. Statistics show that shipments continue small in comparison with new orders. Wholesale dry goods' sales have shown a good increase during the Fall months and November figures were slightly higher than November, 1927. The seasonal decline ordinarily expected in November was less pronounced this year; unfilled orders for standard cotton cloth have increased. Probably the most favorable factor in the current situation, however, is a continued slight decline in stocks of cotton cloth on hand. Orders for gray goods are recording a slight upward trend.

### Raw Cotton Prices Higher

"The final Government cotton crop estimate is fully high. The severe weather in the latter part of the picking season did much damage. The total crop brought to market will probably not exceed 14,000,000 bales. However, if we accept the Government crop figures and add to them the carry-over, the total season's supply is around 16,600,000 bales. Assuming a domestic consumption of at least seven million bales and exports of eight and one-half million bales, the total cotton requirements will run around fifteen and one-half million bales, and possibly more. This year's carry-over will, therefore, be far smaller than it was a year ago. The world crop is slightly larger than last year, but world demand is also larger. All current indications point to a moderately higher price for cotton during the Spring months.

"It should be remembered that if the manufacturers have to pay too high prices for cotton their profits will be cut down even though demand is increasing. At levels around 20 cents for raw cotton they are in a position to operate profitably and to maintain an upward trend of production and sales. A run away market would be a very adverse factor.

### Warning Against Over-Production

"Cotton manufacturers must be careful not to over-produce or the improvement in conditions recently noted will be short-lived. It should be remembered that we still have a large over-capacity for manufacturing cotton goods. If everybody gets enthusiastic and throws caution to the wind under the stimulus of the better demand, stocks of goods will be built up beyond the ability of the market to take them. This would result in another disastrous decline such as occurred in 1924 and 1925. The fact remains that while demand for cotton goods is increasing it is only increasing at a price. The trade is obviously unwilling to pay higher prices at the present time, and any attempt to force them will cut down the demand. It is better to make haste slowly, and seek ways and means of reducing costs by modernizing machinery and methods and consolidating plants. Remember that a toadstool grows a million times as fast as an oak tree but it lives only a day or two.

### Scientific Purchasing Essential

"The wage question has been a primary cause of trouble in textiles just as it always is in any industry in a state of depression. Employers are now coming to realize that wages should be reduced only as a last resort. Every other means of reducing expenses should be tried first. One very fruitful method of cutting costs is scientific purchasing based on knowledge of raw material price forecasting. Where an industry such as textiles buys vast quantities of raw material even a minute saving per unit bought means a large reduction in expenses. Often times such savings enable the management not only to avoid wage cuts but also to maintain a higher wage rate.

### Cooperation Essential to Textile Recovery

"Mere modernizing of plants and machinery and instituting efficiency methods alone will not set the textile business on the highway to success. These things must be accompanied by a spiritual realignment. A spirit of cooperation will have to prevail throughout the whole industry, from the raw material to the finished goods before there will be any lasting improvement. Manufacturers must cooperate with one another and limit ruinous overproduction. Mill executives must cooperate with workers, and workers with managements. Town and city governments must cooperate with the textile industries located in their cities.

"Probably the most hopeful development that has yet occured was the recent conference between labor heads, mill executives, and city representatives at New Bedford, Mass. This city has long been known as the home of manufacture of the finest cotton goods in the world. Last summer it went through a disastrous strike, and losses to workers, mills, and the public were tremendous. Apparently, however, the bitter lesson bought by this trouble has engendered a new spirit of cooperation on all sides. If this new attitude spreads throughout the other textile centers of the country it will constitute the strongest evidence that the great industry as a whole is now ready to go forward into a long continued era of improvement. Business by the Babson chart is now six per cent above normal, compared with two per cent below normal this time last year.'

(Copyright, 1929, Publishers Financial Bureau)

A cotton house, wool house, rayon house and hydroelectric house may become a necessity of the future at the Lowell Textile Institute if the Harvard experiment of small units of residence for its students becomes a proved success. The colleges at Oxford and Cambridge universities have long developed among their students an intimacy and loyalty which has no counterpart in the larger American institutions of higher education. It remains to be seen whether every American university, including even a "university of the textile arts," must follow the lead of our oldest university back to the English model of centuries ago.

—Lowell Courier-Citizen.

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## Life Experiences

(From the St. Louis Globe-Democrat)

Even a cheerful giver learns, in time, to do some discreet calculating.

Can't you tell when the man you have taken by the lapel doesn't want to listen to you any longer? We can; and we don't take him by the lapel, either.

There isn't so much gossip in a town where everybody is busy.

If your bills have to be "collected" what you buy costs more.

Out of pure devilry, a man may sometimes, now and then, live down to his reputation.

Cross-examining a witness is no trifling accomplishment. You have to ask questions that the court will permit to be answered.

Trusting to luck at least saves worry beforehand.

It is because a boy runs upstairs that nobody ever thinks a boy may be tired.

When you forgive a friend don't go on talking to him about it.

## Soap From Coal

(From the New York Evening Post)

Representatives of the bituminous coal industry from twenty nations heard cheering reports at their second international conference at Pittsburgh. American, British and German technicians confidently told them that our future industry will regard their coal not as fuel but as a source of the world's most valuable chemical by-products.

The most important of the transformations which science is prepared to work upon coal is to make it into synthetic gasoline. Germany is already doing so with success and next year plans to produce from coal and lignite 250,000 tons of automobile fuel. But if this development cannot save the industry, no matter. The bituminous coal operators were also told that for good measure the chemist can use their product to make almost anything, from gunpowder to perfume, from aniline dyes to soap.

It is a disillusionizing day for those who view with alarm the exhaustion of the world's oil supplies when science demonstrates that the industrialization of the process for converting coal into oil is perfectly practicable. We might as well admit that there is no product which the chemist, if pushed hard enough, cannot manufacture in his laboratories. Alongside oil and soap and perfume from soft coal, silk purses out of sows' ears or figs out of thistles would seem to be mere child's play.

## ???

Russell tried to do an "Annie Oakley" up in the steam and water drum but his neck went out of joint which brought him out of his spell.

• • • •

Last week was rather a poor week for our basketball team. Perhaps if we had more home games, the record would look better.

• • • •

From indications, it appears that there will be no Freshmen-Sophomore Hop this year. Why not have the presidents of the two classes get together and plan something before the season is too late.

• • • •

Charlie Keyes, this year's coach of the Textile Show, is well-fitted for the job. He is president of the Alumni Players here in the city. The Players are made up of those who are interested in theatricals and dramas.

• • • •

Paul Duggan is a member of the above organization and has taken part in several of their plays.

Continued on Last Page

### TEXTILE STUDENT AWARDED $100

Eagle Scout Herbert E. Meinelt of Lawrence, a student at the Lowell Textile Institute, was awarded $100 last week by the Harmon Foundation, 62 each receiving such cash awards, made through the foundation by funds left by the late William E. Harmon. Each boy is eligible also to obtain loans for school expenses.

### PRESIDENT'S LIST

(Continued from Page 1)

Fourth Year

Course IV.

Alvin Wilfred Bergeron, Haverhill, Mass.
Amos Kempton Haynes, Haverhill, Mass.
Earle Raymond McLean, Haverhill, Mass.
Berill August Ryberg, Centerville, Mass.
John Prince Stanley, Jr., Lewiston, Maine.
Clayton Collington Westbrooke, North Andover, Mass.
Raymond Edward Wiech Lowell, Mass.

Course VI.

Harmon Howorth, Lowell, Mass.
Walter Flemings Myers, Lowell, Mass.
Kenneth Earl Rice, Stoneham, Mass.
Charles Leopold Shelton, Boston, Mass.
Benjamin Joseph Zalkind, Dorchester, Mass.

### COACH CHOSEN FOR TEXTILE SHOW

Continued From Page One

by Lee Wilson Dodd, from the novel by Francis Percy Elliot. The original Broadway production co-starred William A. Courtenay and Thomas A. Wise. It is described as a picturesque mystery play in which Danny and Dominic, a pair of tramps, enter a mansion and persuade the servants and friends that they belong there. They are not altogether wrong, though it takes the intervention of a judge, two detectives, a villain and an attractive girl to untangle the complications. It is a play which is sure to appeal to theatrical Lowell, and in all probability, will be as successful, if not more so, than former Textile productions.

The play will be presented in the Memorial Auditorium on the evening of Friday, April 5, and Morey Pearl's original team has been secured to provide music for the dancing which is to follow.

The play has not as yet been cast, but announcements concerning the probable line-up will probably be forthcoming on Thursday of this week. Mr Keyes expects to get the rehearsals under way within a week.

### TITLES OF THESES THE SENIORS ARE NOW WORKING ON

(Continued from Page 1)

Wiech, Raymond E.
"Chemical Evaluation of Oxycellulose."

Balch, Ralph N.

Holt, Laurence C.
"A determination of the relation between yarn strength and fabric strength."

Buzzell, Harry S.

Ellis, James O.
"A study of the finishes of cotton fabrics by means of light."

Larter, Edward A.
"A determination of the effect of twist upon the properties of rayon yarns."

Mathews, Robert J.
"Construction of a strobosoope and its application to textile machinery."

Myers, Walter F.
1. "Construction and study of a mechanical device for measuring diameters of yarns, and a study of its properties."
2. "An investigation of the possibility of using radio circuits to measure the density of yarns."

Rice, Kenneth E.
"A study of the tension in yarns, during manufacture, by an autographic process."

Shelton, Charles L.

Zalkind, Benjamin J.
"A comparison of yarns produced by long draft methods with yarns of standard manufacture."


Gentlemen prefer Wearplus TIES

"Folks, how can I make Whoopee *up here* . . . when *down in front* the 'coughers' are whooping?"

EDDIE CANTOR
Premier American comedian starring in the glorious new production, "Whoopee."

"Maybe the audience would be grateful if I stepped to the footlights some night and voiced the above protest about the 'coughing chorus' down in front.

"But that wouldn't be kind and it wouldn't be just. The cougher doesn't cough in public on purpose. He can't help it. It embarrasses him as much as it annoys his neighbors.

"What he needs, to avoid that throat tickle, is an introduction to OLD GOLDS."

(SIGNED) Eddie Cantor

Why not a cough in a carload?

OLD GOLD Cigarettes are blended from HEART-LEAF tobacco, the finest Nature grows. Selected for silkiness and ripeness from the heart of the tobacco plant. Aged and mellowed extra long in a temperature of mid-July sunshine to insure that honey-like smoothness.

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eat a chocolate...light an Old Gold...*and enjoy both!*

## Sigma Omega Psi Convention

The eighth annual convention of the Sigma Omega Psi Fraternity was held in New York City this year. The beautiful Pythian Temple located on 70th St., west of Broadway served both as the headquarters for the convention committee and the scene of the three day convention. The affair carried out in real New York splendor was easily the most successful ever attempted. The surroundings, embraced by the true spirit of fraternalism which was exhibited by men from Alabama as well as by men from far off New York, added materially to the occasion. It was indeed, an affair, that will not be easily forgotten but rather one that will commemorate the achievement of a hard working, industrious committee, who put the affair across in regular style.

The convention was opened informally on Saturday afternoon at 2 p. m. by a conclave meeting where officers for the following year were elected. This meeting was attended only by the presidents and past presidents of the various chapters. Business matters affecting the fraternity as a whole were discussed, and various events of the individual chapters brought out. At 7 p. m. the same evening, the annual formal stag banquet was held. A formal initiation was carried through with the installation of Neophytes from the Alpha, Delta, and Upsilon Chapters. Following the initiation the banquet was held in the Cosmopolitan Room of the Temple. After imbibing to our heart's content in a ten course dinner we all settled back comfortably with our Corona Coronas well lighted, to listen to numerous after dinner speeches. A new chapter, the Upsilon Chapter located at St. John's Colleges in Brooklyn was installed, making the total list of chapters at the present time reach nineteen. Prof. Edwin Hewes, honorary member of the Upsilon Chapter, addressed the congregation at his chapter's installation. The banquet was called to a close at 1 p. m.

The following day called for an informal Dinner Entertainment and Dance in the Auditorium of the Pythian Temple. The crowd congregated at 8 p. m. for the informal dinner which was held in true cabaret style. During the dinner, we were lavishly entertained by a genuine Night Club from the "Roaring Forties," the Evelyn Nesbit girls certainly lived up to their reputations as "Song and Dance" entertainers, and the orchestra was full of the real jazz, that makes the toes wiggle unconsciously. Dancing until one concluded the night's entertainment, and our beds felt soft that night, after we reached home.

The annual "Bull" session or as it is known the Mogar Session took place on Monday the 24th at 2 p. m. and it was enjoyed by all. But there was real anxiety in most minds, because the big affair of the convention, the formal ball, was to take place that evening. The real classic of most conventions and most naturally this one is the formal ball for even if one is not interested in dancing, the sights are worth one's attendance. Dancing started at 9 and concluded at 2 a. m. to the tune of one of New York's best jazz orchestras. The 15-piece unit present that evening certainly added to the enjoyment. The gowns and the young ladies present would certainly make most of us forget our troubles if we ever had any. Nuff said, an affair of this type really cannot be described, to get an accurate description one must be present.

The Eta Chapter was represented by Morry Barsky, Eli Torchis, Ben Glickman, and Louis Yissman. The affair was represented by men from upper New York, New England, Philadelphia, Long Island and from New York City itself. The attendance was fairly large, since over 200 members attended the best convention ever held.

### "KEN" RYAN GOES TO CHINA

Continued from Page 1

in silk reeling methods and sericulture. The position is one which will require trips to the interior and Cantoo districts of China as well as to Japan.

Mr. Ryan is to sail from San Francisco, Calif., on March 15. He will stop in Japan for one month to tour that country and visit the silk filatures. It is expected that he will arrive in Shanghai about May 5. He will remain there for four years, after which he will return to this country through the eastern hemisphere, visiting the silk centres of Europe, including Milan, Italy, and Zurich, Switzerland.

## BASKETBALL

The Red and Black team goes into the home stretch with a record of six games won out of the fourteen played, including the Northeastern game in Boston on Feb. 9th. The victories were over such teams as Clark, 2 games, Norwich, Northeastern, Assumption and Fall River Textile. All the defeats but one were suffered on foreign floors under more or less adverse conditions. The lone defeat on the home floor was the game with Fitchburg Normal. Textile had an "off" night. The team work was ragged and Jarek and Savard just couldn't seem to make their shots count.

Since the first trip to Vermont at the opening of the season the team has made two more. The first was a three game trip to Worcester with Holy Cross, Clark and Assumption. As was expected the strong Holy Cross team overwhelmed the Red and Black, but the following two nights Clark and Assumption were taken into camp in fine shape.

Then came the two days' trip to Amherst where both Mass. Aggies and Amherst defeated the Textile five. It was no disgrace to be defeated for these two schools have strong teams.

On Saturday, Feb. 9th, Textile journeyed to Boston in an attempt to annex the record game between the two schools. The odds were against Rusty's team, however, and they were defeated 42 to 28. Tiffany of Northeastern had a field day scoring 27 points, almost enough to beat the Red and Black single handed.

On Monday, Feb. 11th, Textile played Harvard and on Tuesday journeyed to Providence to play Providence College, one of the strongest teams in the East. Textile should give a good account of herself in both contests.

## THE LETTER A

(From the New York Herald Tribune)

Forty years ago, when the first volume of the New English Dictionary went to press in Oxford, an airport was defined as "a porthole in a ship for ventilation," an automat was "a self-taught person, an autodidact," and an airship was "one propelled by an engine . . . actuated by the elastic force of heated air." The English language, in half a life time, has already outgrown its greatest dictionary, and already the scholars are at work upon a supplement to the letter A.

"Aerial" was an adjective forty years ago: radio had not yet converted it into a noun. The word "automobile" did not exist, and whole flock of words dealing with aeronautics were still uninvented. Paris and New Mexico had not combined to give the word "apache" its new position in the English language; the psychologists had not begun to talk of "apperceptions," of "autohypnosis" or of "autosuggestion"; alpha rays were unknown, "adenoid" was a mere adjective denoting "glandular"; the electricians had not yet coined the word "amperage" and "antiphlogiston" was defined as an adjective meaning "opposed to the theory of . . . the existence of an element of pure fire."

Language is a living tissue; it grows, and the English language is rich because it has absorbed elements from all the tongues of the earth and coined new words where the old ones were lacking. Pedants and dry-as-dusts are constantly denouncing the new word formations as barbarisms and bidding us hold to the language of our fathers. But if ever a time comes when the English language ceases to absorb new "barbarisms" it will be a dead speech, and the fact that the New English Dictionary finds thirty of forty pages full of new words beginning with A that have arrived in the English language since 1888 is a welcome sign of the resilience of the greatest language of the modern world.

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# FRATERNITIES

## SIGMA OMEGA PSI

Doings at the house have quieted down, and most affairs seem to be kept secret. "Mimi" seems to be the universally used word by the secret doings of most of the boys.

• • • •

Our amiable freshman, Leo Gleckler, seems to have adopted the ways and means of most of the old timers. His parades across the bridge have of late been numerous and plentiful. Walther to, Leo?

• • • •

Local chapter affairs in Boston seem to be in full swing in contrast to the dull state of affairs in Lowell. Several invitations have been received recently for house parties, run by the various Boston chapters.

• • • • •

The Annual New England District Council Ball is scheduled for February 24 at Longwood Towers in Brookline. As usual this is one of the "never to be missed", formal affairs and a large delegation is already getting its tuxedo's ready for the occasion. The committee in charge of the affair consisting of the president of the council and the presidents of the various chapters is striving diligently to put the affair over, and from the various reports, it will be one of the most successful ever run.

• • • •

Mac Ketover, as the story goes, recently received one of those lessons that in time do make men of children. The rumor goes on to the effect that after escorting one of Lowell's beautiles home as naturally befits a gentleman, he discovered that the pocket was void of change. As usual in such a predicament we find that the distance to be travelled is quite such as to hasten our shoes quickly in the repairer. Well to cut the story short, Mac felt that he was taking the trolley back, and patiently waited for the young lady to disappear from view before he started on the long trek home.

I wonder how many of the seniors, or juniors for that matter, would walk back?

• • • •

When speaking or thinking of trouble, just take a look at the droll countenance of our own "Sammy Kolsky." This, my friends, is the result of a bad car. A car that won't go until either a nail is attached to the uppermost portion of the thing or until a pair of horses are attached in front and connected by a strong rope.

### BIG SHEEP RAISING

Sheep raising has been extended to unutilized pastures of the Eastern States and wool clip estimates indicate that the highest record formerly established will be reached again this season.

## PHI PSI NOTES

The brothers are putting in a strenuous two weeks taking care of the "flu". Mr. Marble has charge of the institution and likes the pleasant work with the exception of Saturday mornings.

• • • •

During the "vacation", the usual card games were in order, and white some of the participants suffered both in their exams and pocketbooks, there were one or two, who we won't mention, who profited in one way enough to make up for the loss in the other.

• • • •

"Battling" Preston has broken a precedent established four years ago by moving into the chemists' room Either he didn't like the environment in the back room or there is some particular attraction in the side room. Did you ever see Ryberg's profile?

• • • •

Good old Johnny Stanley has departed for the wilds of Amsterdam, N. Y., to show the Mohawk Carpet Mfg. Co. how to dye carpets. We all miss him greatly and wish him the greatest of luck out in the big, naughty world.

• • • •

Mr. Stanley Hall has finally broken all ties with Haverhill and takes up his abode in the good old back room at the House. He is just a little bit green and tight at present, but after a couple of weeks he will be as stolid and proficient a back-roomer as any who have lived there.

• • • •

Hale has threatened Niles and Farrell!

• • • •

Let the above "its" be cautious in their dealings with this "Newbury-Porter"—he wields a nasty paddle

• • • •

Should the statisticians of the country omit any details in their report of the year 1929—August Bottle Rybox will publish any facts overlooked by that group.

• • • •

Roger Hooten Marble is carrying his usual capacity schedule—one lecture and nine study hrs. per week.

• • • •

"Syl" Murphy our honor student was handicapped in the mid-year exams by a decayed molar and a fractured bi-cuspid. Any "abnormal" drop in his grades will be overlooked by the gang.

• • • •

Haynes actually smiled during our mid-day meal one day last week.

• • • •

Pussy-foot Hall our recently acquired boarder battles the wintry winds in the barracks with his trusty flashlight.

## ???

The chemists have been doing a "russian business," taking old felt hats and dyeing them red or black.

• • • •

What a hockey team we could make up of fellows here at the Institute. Right off hand, we could name Stanley, Evnas (the Stoneham "squawsw" flash), Savard, and Ed. Alfard. There are others who have had some experience and they would fit in with the above mentioned fellows.

• • • •

They say that garlic will drive away the "flu". We always wondered what drove people away from those delightful vegetables. A young man from Lowell remarks that he thought that they learned about it thru the process of ballots

• • • •

Ed Welch has been burning up the track for the past month. He was credited with the fastest time of the four fellows who ran for the Lowell K. of C. in the Boston Garden. Ed's relay team won the championship of the Massachusetts K. of C.

• • • •

Various methods have been tried out in the lunchroom to preserve the package of straws. But the contents of the package appear to diminish and the steel glasses increase much to Charley's dismay. Some day, we expect Fredrickson to patent a glass breaker so that the glasses will not need to be washed.

• • • •

Tobacco juice has made its appearance around the wool department. Somebody is teaching the boys bad habits "Isn't toothache bad Chinax."

• • • •

The annual pilgrimage to the Heinle Boiler was undertaken last week by the sophomore engineers. A prize was offered for the best-looking nigger that came out of the boiler. It was called a draw because some of the fellows were caught rubbing the soot into each other.

## OMICRON PI

The boys wish to congratulate Chief Canole of the Dracut police for his valor in capturing the infamous Friar Fenn of Sing Sing, Leavenworth and Lowell, known the world over for his dastardly deeds

• • • •

M. A. Jones is through with women for life (that is if he dies before tomorrow night.)

• • • •

The "Lone Wolf" Hunter is at large again and it is suspected that he frequents the Commodore often but Detective Matthews has been unable to trace him once he leaves the house.

• • • •

With all the "niggers" around Jones should be able to see that he and Hurd's room are picked up but the latter fails to notice the change.

• • • •

At last the "Ark" has been shelved awaiting necessary repairs. No more shall we hear the ditty which reads as Brook and Stifel embark on their nightly tour.

• • • •

"Dud" Adams has been back visiting the house for the past week and has been deriving great enjoyment from waking the boys as soon as the "niggers" arrive in the morning. There are a few who don't enjoy it as much.

• • • •

"Gruba" Hale has decided that he will retire after this year and live on the fruits of his labor

• • • •

Ed. Folsom, '27, returned to the house Wednesday to see our "niggers." Tufts seems to be agreeing quite well with him

• • • •

Ed Wingate, '28, was back Sunday and has now been transfered to Providence. He is still working for Johns-Manville Co

This is the season of the year when father gives up all hope of any salve resistance being shown by the other members of the family (Louisville Times).

## DELTA KAPPA PHI

"Johnnie" Connorton paid a short visit to Lowell last week; his wife accompanied him.

• • • •

Lyman Kilton is still interested in athletics at Textile, even though he is not, at present, a student. He may be seen at all of the Textile basketball games, at home, or out of town.

• • • •

Johnnie Shea was in town lately, on one of his frequent trips. Entirely business, of course.

• • • •

The studyin' bug seems to have bitten Franchie pretty hard this year.

• • • •

Joe Hardman looked like a victim of amnesia, the week after the exams. He roamed around the building like a somnambulist.

• • • •

Freshman initiation is to start Saturday at the house.

• • • •

Pawtucketville dames are all-of-a-doodah, at this point; i mean, they really are! Our two most eligible bachelors, Phelan and Casey, have taken up quarters in that most excellent quarter of the city. They are not exactly hibernating, either.

• • • •

All the boys reported without fail to a party in the Oaklands, a week ago. At nine o'clock, the party came to an end, and they all returned across the city to Pawtucketville.

• • • •

Seth Goulson is now one of the army of the employed. His is a hi-pressure salesman for one of the leading retail stores of the city.

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